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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO. 7819	
10/019,676	04/08/2002	Sam Fong Yau Li	2577-118		
6449 7	7590 09/24/2003				
ROTHWELL, FIGG, ERNST & MANBECK, P.C. 1425 K STREET, N.W. SUITE 800			EXAMINER		
			LUCAS, ZACHARIAH		
WASHINGTON, DC 20005			ART UNIT	PAPER NUMBER	
			1648 DATE MAILED: 09/24/2003	8	

Please find below and/or attached an Office communication concerning this application or proceeding.

5							
	Application No.	U _	Applicant(s)				
	10/019,676		LI ET AL.				
Office Action Summary	Examin r		Art Unit				
	Zachariah Lucas		1648				
The MAILING DATE of this communication app ars on the cov r sheet with the correspondence address Period for Reply							
A SHORTENED STATUTORY PERIOD FOR REPLY THE MAILING DATE OF THIS COMMUNICATION. - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If the period for reply specified above is less than thirty (30) days, a reply if NO period for reply is specified above, the maximum statutory period we Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b). Status	6(a). In no event, however within the statutory mini ill apply and will expire S cause the application to	ver, may a reply be tim mum of thirty (30) days SIX (6) MONTHS from become ABANDONEI	rely filed s will be considered time the mailing date of this c O (35 U.S.C. § 133).	ly. ommunication.			
1) Responsive to communication(s) filed on <u>08 A</u>	pril 2002 .						
2a) ☐ This action is FINAL . 2b) ☐ Thi	s action is non-fir	nal.					
Since this application is in condition for allowa closed in accordance with the practice under <i>I</i> Disposition of Claims				ne merits is			
4) Claim(s) 1-42 is/are pending in the application.							
4a) Of the above claim(s) is/are withdraw	vn from considera	ation.					
5) Claim(s) is/are allowed.							
6) Claim(s) is/are rejected.							
7) Claim(s) is/are objected to.							
8) Claim(s) 1-42 are subject to restriction and/or e	election requireme	ent.					
Application Papers							
9)☐ The specification is objected to by the Examiner	.						
10)☐ The drawing(s) filed on is/are: a)☐ accepted or b)☐ objected to by the Examiner.							
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).							
11) ☐ The proposed drawing correction filed on			ved by the Examin	er.			
If approved, corrected drawings are required in reply to this Office action.							
12) The oath or declaration is objected to by the Exa	aminer.						
Priority under 35 U.S.C. §§ 119 and 120							
13) Acknowledgment is made of a claim for foreign	priority under 35	U.S.C. § 119(a)-(d) or (f).				
a)⊠ All b)□ Some * c)□ None of:							
 Certified copies of the priority documents 	s have been recei	ved.					
Certified copies of the priority documents	s have been recei	ved in Applicati	on No				
 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). * See the attached detailed Office action for a list of the certified copies not received. 							
14)☐ Acknowledgment is made of a claim for domestic	priority under 35	5 U.S.C. § 119(€	e) (to a provisiona	l application).			
a) The translation of the foreign language pro-							
Attachment(s)	•	30					
1) Notice of References Cited (PTO-892) 2) Notice of Draftsperson's Patent Drawing Review (PTO-948) 3) Information Disclosure Statement(s) (PTO-1449) Paper No(s)	5) 🔲	Notice of Informal F	v (PTO-413) Paper No Patent Application (PT				

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DETAILED ACTION

Election/Restrictions

1. Restriction is required under 35 U.S.C. 121 and 372.

This application contains the following inventions or groups of inventions which are not so linked as to form a single general inventive concept under PCT Rule 13.1.

In accordance with 37 CFR 1.499, applicant is required, in reply to this action, to elect a single invention to which the claims must be restricted.

Group I, claim(s) 1-23, and 26-42, drawn to immunodiagnosite tests comprising the immobilization of an antigen or antibody to a piezoelectric crystal.

Group II, claim(s) 24, drawn to methods of regenerating a piezoelectric crystal to remove bound antigen/antibody from the immobilized antibody/antigen.

Group III, claim(s) 25, drawn to methods of regenerating a piezoelectric crystal to remove immobilized antibody/antigen from the crystal.

For Group I above, the Applicant is required to elect one invention from each of the following groups of subinventions. Thus, the Applicant is required to elect on of Groups I to III above, and, if the Applicant elects Group I, to also elect on of groups I-A or I-B, and one of groups I-I to I-v.

Groups I-A and I-B represent the elected group wherein the antigen is, or the antibody binds to, one of I-A) a bacterial antigen from the bacterium S. enteritidis, or I-B) a viral antigen from the virus PRRSV.

Groups I-i to I-v represent the elected group wherein the antibody or antigen is immobilized through I-i) adsorption to a metal modified crystal, I-ii) adsorption to a polystyrene modified crystal, I-iii) covalent binding onto a polymer treated crystal, I-iv) covalent binding onto a silane treated crystal, or I-v) covalent binding onto a thiol compound treated crystal.

2. The inventions listed as Groups I-III, and as subgroups I-A and I-B, and subgroups I-i to I-v, do not relate to a single general inventive concept under PCT Rule 13.1 because, under PCT Rule 13.2, they lack the same or corresponding special technical features for the following reasons: the common technical feature uniting these inventions is the method of claim (e.g.) 30.

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However, this method is known in the prior art. See, Bastiaans, U.S. Patent 4,735,906, abstract, claim 1. Because the common feature is known in the art, there is no common special technical feature. The inventions are therefore lack unity.

Conclusion

3. Applicant is reminded that upon the cancellation of claims to a non-elected invention, the

inventorship must be amended in compliance with 37 CFR 1.48(b) if one or more of the

currently named inventors is no longer an inventor of at least one claim remaining in the

application. Any amendment of inventorship must be accompanied by a request under 37 CFR

1.48(b) and by the fee required under 37 CFR 1.17(i).

4. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Zachariah Lucas whose telephone number is 703-308-4240. The

examiner can normally be reached on Monday-Friday, 8 am to 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, James Housel can be reached on 703-308-4027. The fax phone number for the

organization where this application or proceeding is assigned is (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is 703-308-0196.

Z. Lucas

Patent Examiner

JAMES HOUSEL 9/

UPERVISORY PATENT EXAMINER

TECHNOLOGY CENTER 1600